Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 22 Jul 2023 until 23:59 on Sunday 23 Jul 2023

Forecast Issued on Saturday 22 Jul 2023 at 03:27

Confidence: High for a wet, cloudy day Saturday. Moderate for rainfall detail Sunday. High for drier and brighter conditions to develop through Monday and during Tuesday. Moderate for rainfall spreading east Wednesday.

Headline for Saturday 22 Jul 2023: Rain for much of the day. Breezy.

Mountain weather hazards on Saturday 22 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
80%	90%	90%	90%	80%	80%

Forecast for Saturday 22 Jul 2023

Weather: Wet, with widespread cloud hills and persistent rain for much of the day. Rain often light, but some heavier bursts. These more frequent across western upslopes.

Chance of cloud-free hill tops above 600m: 20%, but 60% in east until the late afternoon.

Low cloud and visibility: Widespread cloud obscuring most tops above 600m, but some breaks possible in the east. Occasional patches possible as low as 300m with any heavier bursts of rain, mainly in the west but more extensively during the evening. Moderate to poor visibility throughout the day, with the worst of the views during any heavy bursts of rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 22 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/25 SW	23/29 SW	22/29 SW	20/27 S	18/24 SW	15/21 SW	13/19 S
300	15/21 SW	17/25 SW	16/24 S	16/23 S	13/20 S	12/20 S	10/17 S
Valley	9/19 SW	10/23 SW	10/22 S	10/22 S	9/20 S	8/19 S	6/15 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/6	11/8	12/8	13/10	13/10	13/11
300	11/8	12/9	14/11	14/11	15/13	15/13	15/13
Valley	12/10	12/10	14/12	14/13	15/14	15/14	15/14
Freezing Level*	2800m	2900m	3000m	3100m	3200m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day, with limited visibility. Waterproofs layers essential, and feeling unseasonably cold on the tops, especially with the wind and rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 22 Jul 2023	5.4mm	6.8mm	10.6mm

Forecast for Sunday 23 Jul 2023

Weather: Widespread cloud and outbreaks of rain, heavy at times, will only gradually ease away south through the day. Staying rather cloudy however, with some light rain possible into the evening.

Maximum wind: Northeast 20mph

Chance of cloud-free hill tops above 600m: 30% gradually increasing to 70% through the day

Low cloud and visibility: Cloud obscuring tops at 500m for much of the day, but breaking a little later and lifting to around 700m. Good visibility outside of cloud and rain, but falling to moderate at times.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 21 Celsius
At 600m: Plus 14 Celsius
Freezing level: Above the summits.

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